

a digital data transfer circuit for transferring digital video data between each of said digital video tape recording means said disc recording means, and a digital input/output device at said first and second data rates;

an editing means for controlling a reproducing operation of said disc recording means to generate edited video data which include a plurality of edit portions designated by an editing operation from said video data recorded on said disc medium,

wherein said editing means controls said reproducing operation of said disc recording means and said recording operation of said digital video tape recording means so that said edited video data may be reproduced from said disc medium and recorded on said tape medium [with] at said second data rate.

11. (Twice Amended) A video data recording and reproducing system for editing a source video data, said system comprising:

a digital video tape recording means for digitally recording a source video data onto a tape medium at a first data rate during a source video data recording period and for reproducing recorded video data from said tape medium at said first data rate and at a second data rate which is faster than said first data rate to generate reproduced video data;

a disc recording means for recording said reproduced recorded video data onto a disc medium at said second data rate so that said source video data may be copied from said tape medium to said disc medium during a transfer period which is shorter than said recording period of said source video data;

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a digital data transfer circuit for transferring digital video data between each of said digital video tape recording means said disc recording means, and a digital input/output device at said first and second data rates;

an editing means for controlling a reproducing operation of said disc recording means to generate edited video data which include a plurality of edit portions designated by an editing operation from said video data recorded on said disc medium,

wherein said editing means controls said reproducing operation of said disc recording means and said recording operation of said digital video tape recording means so that said edited video data may be reproduced from said disc medium and recorded on said tape medium at said first data rate.

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E1  
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Sub E2  
D2  
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16. (Amended) A video data recording and reproducing system for editing a source video data, said system comprising:

a digital video tape recorder configured to digitally record a source video data onto a tape medium at a first data rate during a source video data recording period, and configured to reproduce recorded video data from said tape medium at said first data rate and at a second data rate which is faster than said first transfer rate to generate reproduced video data;

a disc recorder configured to record said reproduced recorded video data onto a disc medium at said second data rate so that said source video data may be copied from said tape medium to said disc medium during a transfer period which is shorter than said recording period of said source video data;

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a digital data transfer circuit for transferring digital video data between each of said digital video tape recording means said disc recording means, and a digital input/output device at said first and second data rates;

an editing designation circuit configured to control a reproducing operation of said disc recorder to generate edited video data which include a plurality of edit portions designated by an editing operation from said video data recorded on said disc medium; and

a control circuit, coupled to said video tape recorder, said control circuit configured to control a recording operation of said video tape recorder to record said edited video data.

*D3* 22. The video data recording and reproducing system according to claim 10,

wherein said video tape recording means has a first operation mode for recording said video data with said first data rate and for reproducing said video data with said first data rate and a second operation mode for recording said video data with said second data rate and for reproducing said video data with said second data rate;

wherein said disc recording means has a first operation mode for recording said video data with said first data rate and for reproducing said video data with said first data rate and a second operation mode for recording said video data with second data rate;

wherein said editing means controls said operation mode of said video tape recording means and said operation mode of said disc recording means.

*14* 25. The video data recording and reproducing system according to claim 16,

wherein said video tape recorder has a first operation mode for recording said video data with said first data rate and for reproducing said video data with said first data rate and a second

operation mode for recording said video data with said second data rate and for reproducing said video data with said second data rate;

wherein said disc recorder has a first operation mode for recording said video data with said first data rate and for reproducing said video data with said first data rate and a second operation mode for recording said video data with said second data rate and for reproducing said video data with said second data rate;

wherein said editing designation circuit is further configured to control said operation mode of said video tape recording means and said operation mode of said disc recording means.

28. The video data recording and reproducing system according to claim 11, wherein said data transfer circuit includes:

an input buffering means, coupled to said video tape recording means and said disc recording means, for buffering said reproduced video data;

an output buffering means, coupled to said video tape recording means and said disc recording means, for buffering said edited video data; and

a buffer control means, coupled to said input buffering means, said output buffering means, and said disc recording means, for controlling recording and reproduction of said disc recording means according to respective remaining capacities of said input and output buffering means.

29. The video data recording and reproducing system according to claim 10, wherein said data transfer means includes: